DEPTH (FEET)	OTHER TESTS	SHEAR STRENGTH PSF	TERBE LIMIT	FIELD MOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS (LUGEONS)	PERCENT RECOVERED	RQD	BLOW COUNTS	SAMPLES	SYM		DRING A-1 REFACE ELEVATION 593.9 DESCRIPTIONS	
5				 11.5		AND THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE			25 23	•		SM	REDDISH-BROWN SILTY FINE SAND WITH SOME FINE ORGANIC DEBRIS IN ZONES (MEDIUM DENSE) (EQUALITY FORMATION)	— <i>590</i>
10				 229	100				30				LIGHT BROWN FINE SAND WITH TRACE OF SILT (MEDIUM DENSE)	— <i>585</i>
15									33			SP	GRADES VERY CLEAN	— <i>580</i>
20			.,,						22				GRADES TO LIGHT GRAY COLOR	<i>575</i>
25													DARK GRAY CLAYEY SILT WITH SAND AND DOLOMITE GRAVEL, OCCASIONAL COBBLE OR BO'LDER (HARD) LARGE BOULDER FROM 23 TO 26 FEET (WEDRON FORMATION)	— <i>570</i>
<i>30</i>		9950			134				165 79			ML		— <i>565</i>
<i>35</i>				 11.4	129				49				GRADES TO MORE CLAY (STIFF)	— <i>560</i>
40				 15.6	115				47	•		ML	GRAY SANDY SILT WITH TRACE OF CLAY AND SOME GRAVEL (HARD)	— <i>555</i>
45			···									GRAY IR HI	F BEDROCK (CARBONDALE FORMATION) FINE SANDY SILTSTONE, MICACEOUS, THINLY LAMINATED, REGULAR, CROSS BEDDED IN ZONES, WEATHERED, FRIABLE, GH ANGLE AND 45° FRACTURES SPACED 2 TO 10 INCHES OM 52.0 TO 61.6 FEET.	— 550
50														— <i>545</i>
<i>55</i>					_		100	80					BEDDING GRADES HORIZONTAL, REGULAR AT 55.5 FEET	— 5 4 C
60													GRADES WELL INDURATED AT 60.2 FEET, BASE OF WEATHERED ZONE	<i>535</i>
65							100	95					HIGH ANGLE FRACTURE 62.7 TO 63.3 FEET	—530
70													HIGH ANGLE FRACTURES 65.6 TO 66.3 FEET	— <i>525</i>
<i>75</i>							100	89				GRAY HOR	SILTY SHALE, FINELY MICACEOUS; THINLY LAMINATED, IZONTAL, OCCASIONAL 1 INCH SIDERITE CONCRETION	520

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FIGURE 2.5-123

LOG OF BORING A-1 (SHEET 1 OF 4)

35	e in	εĘ.	AT	TERBE LIMIT!	RG S	D ONTENT	SITY	055		, e		
DEPTH 12 (FEET)	OTHER TESTS	SHEAR STRENGTH PSF	CINETY X	PLASTIC LIMIT	PLASTICITY INDEX %	MOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS (LUGEONS)		PERCENT RECOVERED	RQD	
75					L	-			1		\exists	
80										юо	55	
85												
90										83	70	
95					·····							
100										93	76	
105												
110										100	71	
115												
120										100	100	
125												
130										100	95	
/35		-	-					-	 -			
140									-	100	97	
145			-	······································	•			-				
150	,									100	100	

	BORING	A - 1	CONTINUED	17.70N
				LEV!
SYMB	OLS	DESCR	IPTIONS	-520
		JRE AT 78.		<i>—515</i>
		N BEDDED;	AT 80.5 FEET NUMEROUS TIGHT VERTICAL FRACTURE AY	s
			ARBONACEOUS; HIGHLY FRAGMENTED ICKENSIDES	— <i>510</i>
	GRADES LI	GHT GRAY,	ICKENSIDES NONCARBONACEOUS AT 87.0 FEET	
	(SPOON FORMAT	ION)		— <i>505</i>
	GRADES TO 91.8 FEET	DARK GRAY	CARBONACEOUS SHALE BELOW	
			SANDY SILTSTONE, MICACEOUS.	-500
	WITH RANDOM S	LICKENSIDE		-495
r = 2	SLICKENSIDES 106.0 FEET	ALONG RAND	MICACEOUS; BRITTLE; NUMEROUS NON PLANES OF WEAKNESS AT	
			D APPROXIMATELY 12 INCHES	- 490
	MOTTLED BROWNIS	H-RED AND	BELOW 106.0 FEET GRAYISH-GREEN SHALE; INDISTINCT	
	BEDDING: BIGH RANDOM SLICKE ZONES	ILY FRACTUR	RED AND FRAGMENTED, NUMEROUS CATTERED COLITIC GRANULES IN	<i>—485</i>
. 2	GREENISH-GRAY C OCCASIONAL MA 114.1 TO 114.	ARINE FOSS	SHALE; THINLY LAMINATED; IL; NEAR VERTICAL FRACTURE	<i>— 480</i>
	(BRAINARD FOR			
				<i>—475</i>
			AT 103 5 555T	470
			AT 123.4 FEET	—470
	70MES OF CALL	CARFOUS SH	NE TO MEDIUM CRYSTALLINE: ULAR STRINGERS AND GRADATIONAL ALE 1/4 TO 2 INCHES THICK, SPACED	
	1/2 TO 5 INCH 1/4 TO 1 1 TO 2 II	TES: HIGHL 12 INCH OI NCHES FROM	Y FOSSILIFEROUS L FILLED VUGS, SPACED 127.8 TO 128.2 FEET TH CALCITE CRYSTALS	465
莊	2 INCH 0 AT 129.7 (FORT ATKINSO	FEET		460
	,		,	460
藍				455
蓝				4 33
蓝				450
				- 450
	LIGHT COMMITTEE	ECTONE CO	ADCELY CALCADENITIE FORCE LIFETON	16. AAE
中	THIN TO MEDI CONCENTRATED	UM BEDDED, IN 2 TO 4	ARSELY CALCARENITIC, FOSSILIFEROU FINE IRREGULAR SHALE PARTINGS INCH ZONES SPACED 2 TO 8 INCHES	443
		BORING CO	NT I NUED	

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FIGURE 2.5-123

LOG OF BORING A-1 (SHEET 2 OF 4)

				T +					BORING A-I CONTINUED	NO!
DEPTH (FEET)	OTHER TESTS	SHEAR STRENGTH PSF	PLANT	FIELD MOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS (LUGEONS)	PERCENT RECOVERED	нар		FELEVATION G (FEET)
150		<u> </u>	27 57 52	0 1	\vdash	 	\vdash	Н	SYMBOLS DESCRIPTIONS	
155									1/8 TO 1 INCH OIL FILLED VUGS SPACED 1 TO 6 INCHES WITH NUMEROUS SMALLER OPENINGS FROM 151.2 TO 152.5	FEET 440
									LIGHT BUFF TO WHITE, LIMESTONE, PURE, COARSELY CALCARENIT FOSSILIFEROUS; HAIR LINE SHALE PARTINGS AND STYDLITES SPACED 1 TO 12 INCHES	— 435
160							100	97		430
165				-	-		<u> </u>	-	DARK GRAY CALCAREOUS SILTSTONE; HIGHLY FOSSILIFEROUS; LAMINATED WITH NUMEROUS WHITE IRREGULAR FOSSIL BANDS; INTERBEDDED 1/4 TO 1 INCH GRADATIONAL ZONES OF SILTY LIMESTOVE GRADES LESS FOSSILIFEROUS BELOW 168.2 FEET	
170				-	-	\parallel	98	95	(SCALES FORMATION)	<i>— 425</i>
175									DARK GRAY SILTY SHALE, DOLOMITIC: THINLY LAMINATED, INTERBEDDED 1 TO 4 INCH LAYERS OF LIGHT GRAY SILTY AND FOSSILIFEROUS LIMESTONE SPACED 3 TO 18 INCHES	-420
										415
180							92	88	GRADING TO 4 TO 20 INCH ZONES OF LIGHT GRAY SILTY LIMESTONE SPACED 20 TO 48 INCHES; FOSSILIFEROUS	-410
185										405
190							100	97		400
195	 			-	+	+	-	+	45° FRACTURE WITH SLICKENSIDES AT 194.0 FEET 45° FRACTURE WITH SLICKENSIDES AT 195.6 FEET THICK LIMESTONE BEDS GRADING OUT: INTERBEDDED 2 TO 6 INCH CALCAREOUS ZONES SPACED 1 TO 2 1/2 FEE	
200	,				+	+	96	5 90		— <i>395</i>
205					-	1				<i>—390</i>
									45° FRACTURES 206.8 TO 207.3 FEET NEAR VERTICAL FRACTURE 208.0 TO 208.5 FEET	— <i>385</i>
210	Ή						100	0 95		<i>380</i>
215	; 			+	+	+	\parallel	+		
220	,			-	+	1	He	0 10	20 minutes in the control of the con	375
225	5								CALCAREOUS ZONES GRADING 1 TO 3 INCHES THICK SPACED 1 1/2 TO 5 FEET BORING CONTINUED	—370
									BRAIDWOOD STATION UPDATED FINAL SAFETY ANALYSIS RE	PORT

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FIGURE 2.5-123

LOG OF BORING A-1 (SHEET 3 OF 4)

										_	BORING A-I CONTINUED	No.
DEPTH (FEET)	OTHER TESTS	SHEAR Strewgth Psf		LIMITS	5	FIELD MOISTURE CONTENT	DRY DENSITY PCF	WATER LOSS (LUGEONS)	PERCENT RECOVERED	RQD	BORING A 1 CONTINUED	- 22ELEVATION OFEET)
	5#	STR.	Liguid LikiT	PLASTIC LIMIT	PLASTICITY INDEX %	ROISTUR	À	WATE (LUG	F 20		SYMBOLS DESCRIPTIONS	-370
225									H	H		
230						<u> </u>		\sqcup	100	100		<i>365</i>
					l							— <i>360</i>
235		—	_			-	\vdash	H	 	H		
200												<i>355</i>
240									98	97		<i>350</i>
245			-			-	\vdash	\parallel	<u></u>			,
												<i>345</i>
250			†	********		T	T	\dagger	100	100	MOTTLED LIGHT GRAY TO BUFF DOLOMITIC LIMESTONE; FINE TO MEDIUM CRYSTALLINE; THIN BEDDED, NUMEROUS WAVY HAIRLINE SHALE PARTINGS SPACED 1/4 TO 6 INCHES THROUGHOUT; UPPER	E
255			1			_	-	#	1		CONTACT WITH NUMEROUS 1 TO 2 INCH VOIDS WHICH HAVE BEEN FILLED BY OVERLYING DEPOSITS, WELL INDURATED, TIGHT	340
									Г		(WISE LAKE - DUNLEITH FORMATIONS)	— <i>335</i>
260			+			+	+	+	100	000		
					-							330
265									-	+		_ 200
270	, 		+			+-	+	+	100	0 100		<i>325</i>
											60° FRACTURE 273.3 TO 273.7 FEET WITH DRUSY CRYSTALLINE SURFACE	— <i>320</i>
275	-		+			+	+	+	+	+	BORING COMPLETED AT 276.0 FEET	
280	,					<u> </u>					ON 9-30-72 CASING INSTALLED TO DEPTH OF 45 FEET WATER LEVEL MEASURED AT ELEVATION 580.0 FEET	3/5
200											ON 10-10-72 300 POUND HAMMER FALLING 18 INCHES	

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FIGURE 2.5-123

LOG OF BORING A-1 (SHEET 4 OF 4)